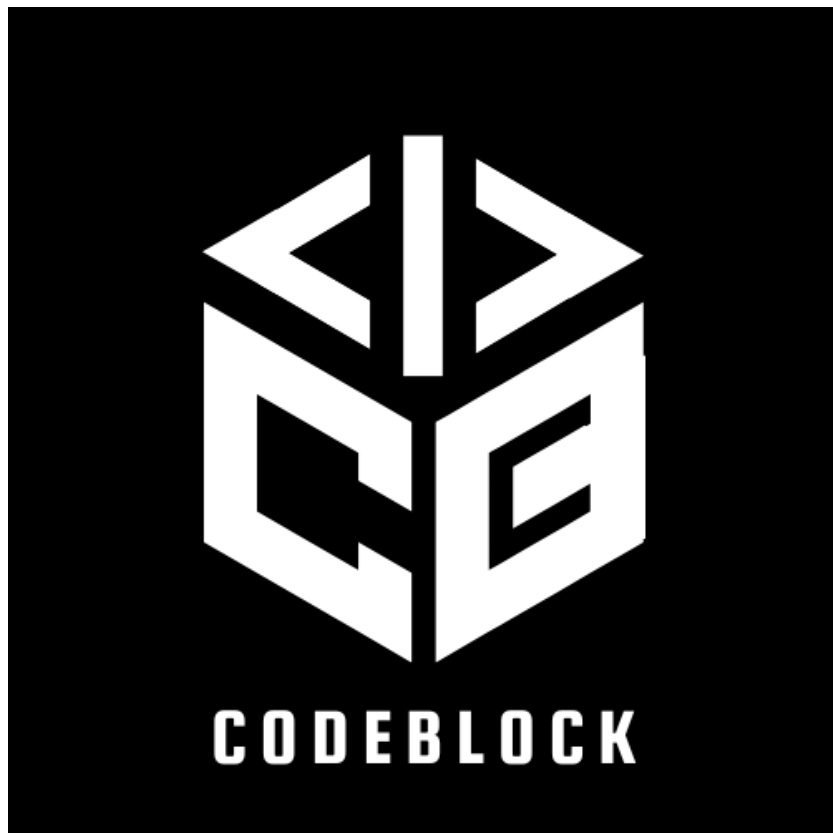


# PROJECT PROPOSAL



## CODEBLOCK

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## GLOSSARY OF TERMS

1. **Account Deletion**

The process of permanently removing a user's account and associated data from the E-NEWS app.

2. **Android Studio**

An integrated development environment (IDE) for creating Android applications, used in the development of E-NEWS, which is available for Android devices.

3. **API (Application Programming Interface)**

A set of rules and protocols that allow different software applications to communicate and interact with each other, enabling data sharing and functionality integration between them.

4. **Breaking News**

Up-to-date and significant news related to the environment and sustainability, reported with a sense of urgency and importance within the app.

5. **Cache**

A temporary storage location used to store frequently accessed data or resources to improve app performance and reduce loading times.

6. **Carbon Footprint**

The total amount of greenhouse gases, especially carbon dioxide, emitted directly or indirectly by human activities, products, or events. The concept promotes awareness of individual and collective impacts on the environment.

7. **Climate Change**

The long-term alteration of Earth's climate patterns, primarily caused by human activities, such as the burning of fossil fuels and deforestation, resulting in global warming and environmental impacts, regularly covered in the E-NEWS app.

8. **CODEBLOCK**

The development company responsible for creating and maintaining the E-NEWS mobile app.

9. **Conservation**

The protection, preservation, and management of natural resources and ecosystems to ensure their sustainable use and protection of biodiversity, an important topic covered in the E-News app.

10. **Eco-Friendly Choices**

Decisions and actions that promote environmental sustainability and reduce harmful impacts on the planet, often featured in the E-NEWS app to encourage responsible behavior.

11. **E-NEWS**

The Environmental News mobile application, dedicated to delivering news and updates related to the environment, sustainability, and environmental challenges.

12. **Email Verification**

A step in the user registration process where users confirm their email addresses to validate their accounts and enable certain app functionalities.

13. **Environment**

The natural world and surroundings in which living organisms exist, including the air, water, land, and ecosystems.

**14. Environmental Challenges**

Pressing issues and problems that affect the environment and its ecosystems, such as pollution, deforestation, habitat destruction, and loss of biodiversity.

**15. Environmental Education**

The process of raising awareness and understanding of environmental issues, aiming to empower individuals to make informed and sustainable decisions.

**16. Firebase**

A mobile and web application development platform that provides various tools and services, such as real-time database, hosting, and user authentication.

**17. Green Technology**

Technology that aims to reduce environmental impact and improve sustainability, often by using renewable energy sources and eco-friendly practices.

**18. Kotlin**

A programming language used for Android app development, known for its conciseness, safety features, and compatibility with Java, employed in the development of the app.

**19. Maintenance**

Routine updates, bug fixes, and improvements performed on the app to ensure its proper functioning and reliability.

**20. Mobile Application**

A software application designed to run on smartphones, tablets, or other mobile devices, providing specific functionalities and services like the E-NEWS app.

**21. Notifications**

Alerts or updates sent to users through the app to inform them about new articles, important news, or app-related events.

**22. Privacy Policy**

A document outlining how the app collects, uses, stores, and protects users' personal information and data.

**23. Search Function**

A feature within the E-NEWS app allowing users to find specific content or news articles using relevant keywords.

**24. Sustainable Development**

Development that meets the needs of the present without compromising the ability of future generations to meet their own needs, considering economic, social, and environmental factors.

**25. Sustainability**

The practice of meeting the needs of the present generation without compromising the ability of future generations to meet their own needs, involving responsible resource use and conservation.

**26. Terms and Conditions**

The set of rules and guidelines that users must agree to when using the app, detailing their rights and responsibilities.

**27. Updates**

New versions or releases of the E-NEWS app that include additional features, improvements, or bug fixes.

**28. User Authentication**

The process of verifying the identity of a user, usually through login credentials, before granting access to the features of the mobile app.

**29. User Profile**

The personal section within the E-News app where users can view and manage their account information and preferences.

**30. Version Control**

A system that tracks and manages changes to the app's source code, allowing developers to collaborate and revert to previous versions if needed.

**31. XML (Extensible Markup Language)**

A markup language used for data exchange and storage, commonly used in mobile app development for configuration and data formats.

# INTRODUCTION

## OVERVIEW

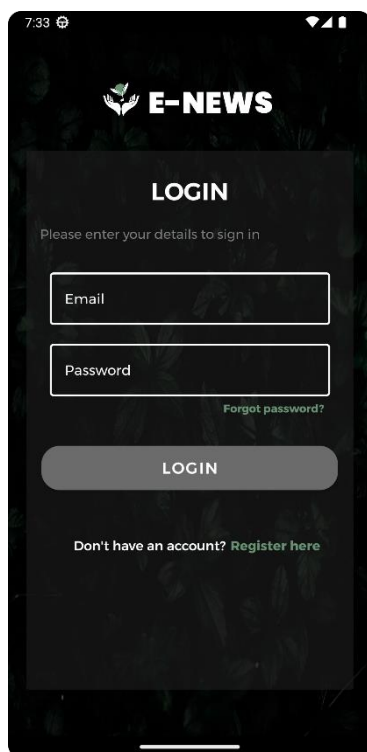
One of the most significant challenges of our time is the issue of climate change, which demands immediate awareness and action to mitigate its long-lasting effects. Particularly in the context of the Philippines, the reality of climate change is alarming and raises great concerns. In a world where environmental challenges demand our immediate attention, having access to reliable and timely information is crucial.

In E-NEWS, with smooth integration of reliable APIs, we bring you timely insights on environmental news, projects, awareness campaigns, and advocacy. E-NEWS becomes a valuable resource, helping users understand environmental issues, climate change, and inspiring them to take responsibility for the environment.

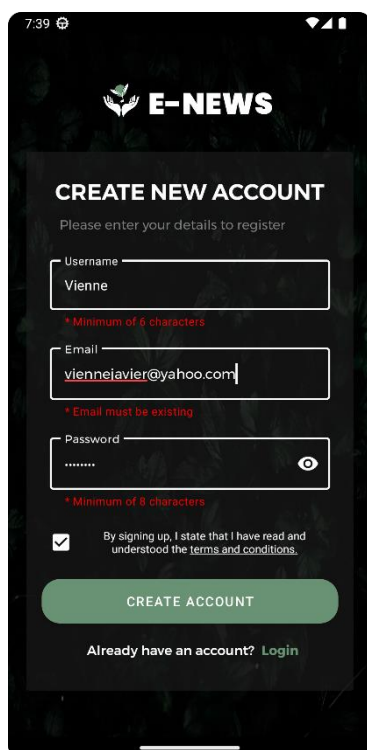
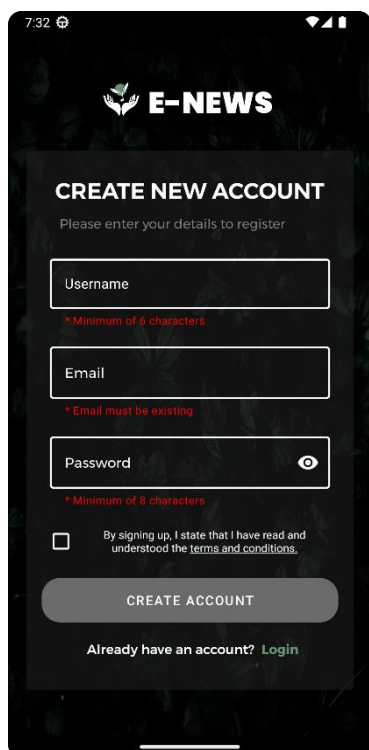
## OBJECTIVE AND GOALS

- Provide reliable and timely environmental information to create awareness about climate change and other issues in the Philippines and globally.
- Inspire users to take responsibility for the environment by understanding the impact of their actions and making sustainable choices.
- Engage users in conservation efforts through a built-in donation feature, allowing them to support environmental projects and organizations.
- Build a community of environmentally conscious individuals who stay informed and collaborate on environmental initiatives.
- Ensure a smooth and easy-to-use app interface for effortless navigation and access to environmental news and related topics.

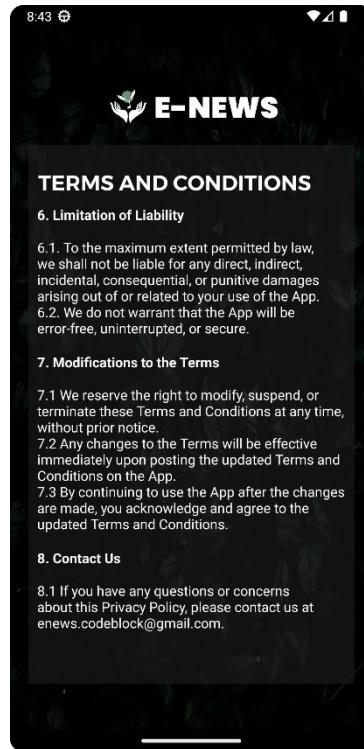
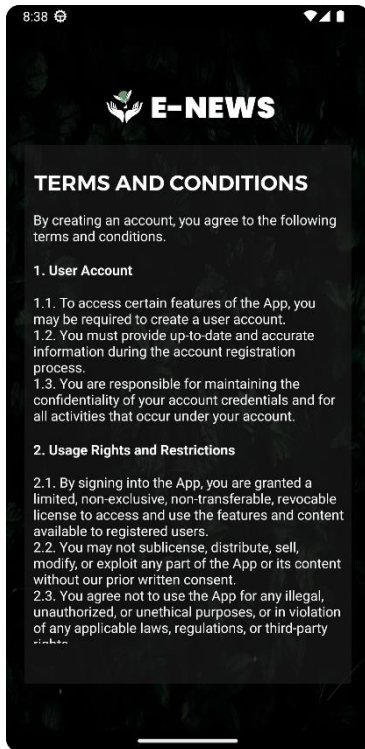
## HOW TO USE THE APPLICATION?



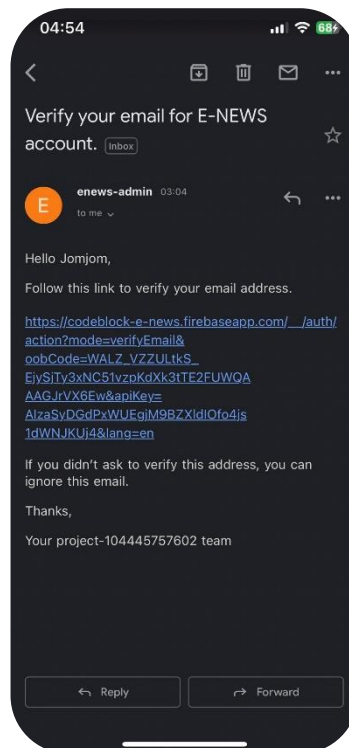
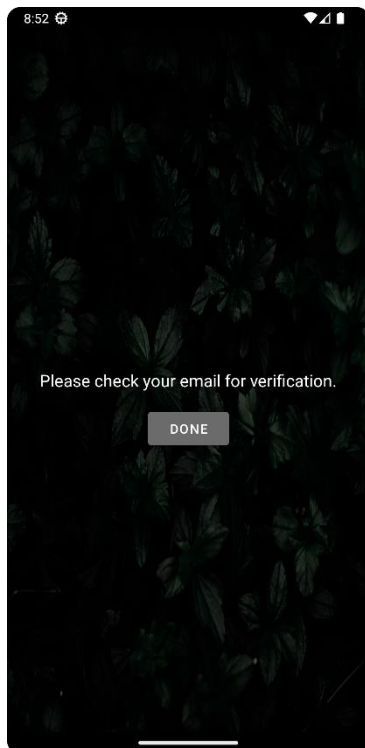
- Upon launching the app, you will be prompted to LOG IN or SIGN UP.
- If you have already made an account in the past, select that option and enter the correct details.



- Click on 'SIGN UP' to create an account.
- Fill up the necessary details, make sure they are valid.
- Upon reading the terms and conditions, check the box to have the 'CREATE ACCOUNT' button enabled,

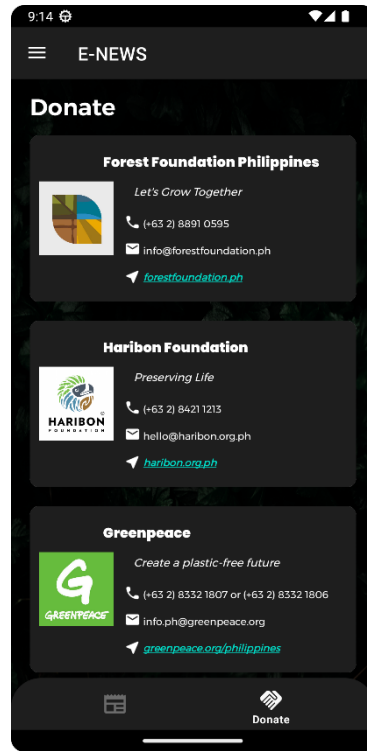
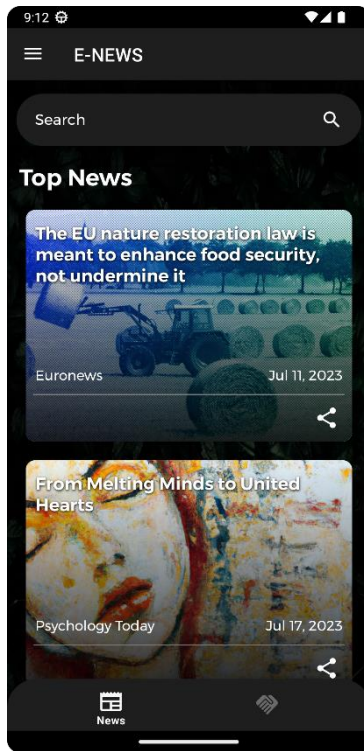


- These are the beginning scroll views of the terms and conditions.
- Make sure you agree to these before proceeding.



- You will be sent a verification link in your email.
- Click on the link and then open the app again to log in with your now verified email.





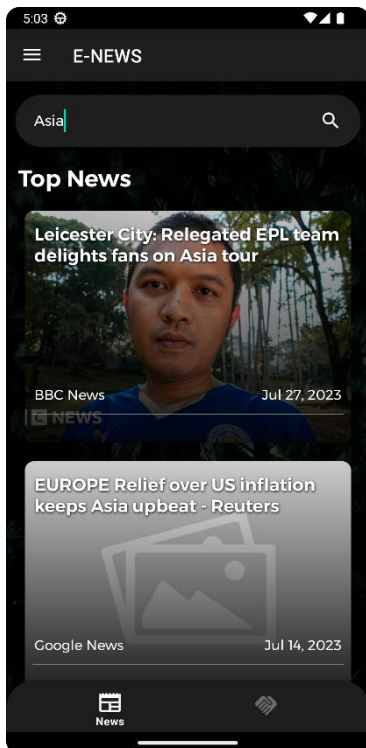
- From the home page, you can navigate to the 'NEWS' tab and the 'DONATE' tab.



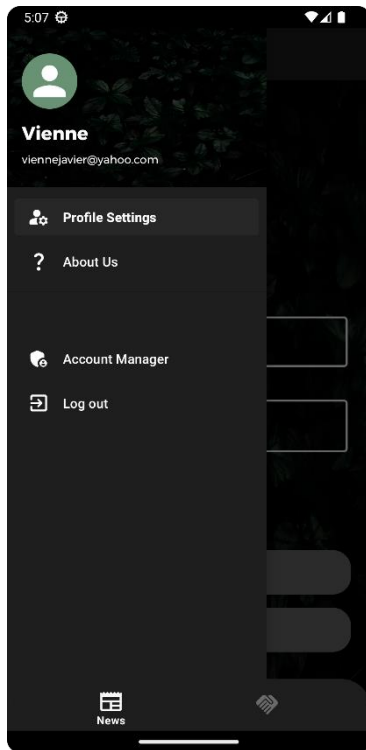
- Click on the news article you want to view.
- A preview will allow you to read a sneak peek of the article.
- Click the 'Read Full News' button to open it in your browser.
- Now, you can read the entire article from its source.



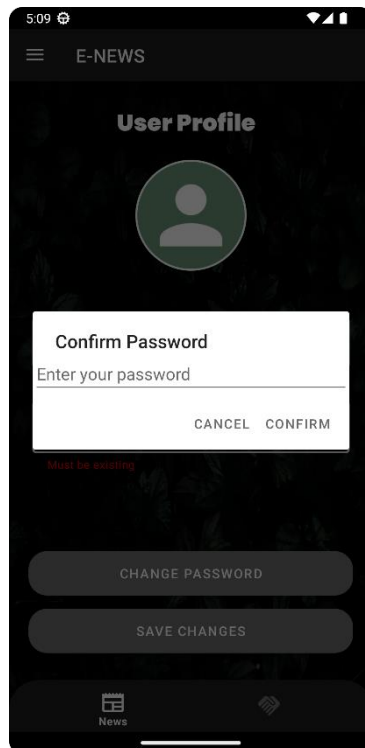
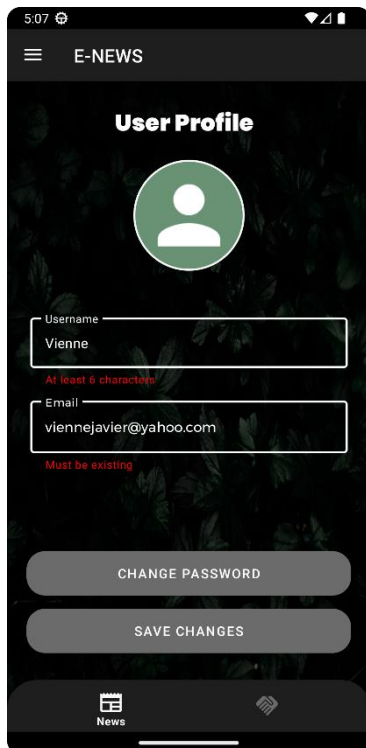
- Clicking the website links from the donation page will bring you to your browser to view their official websites.



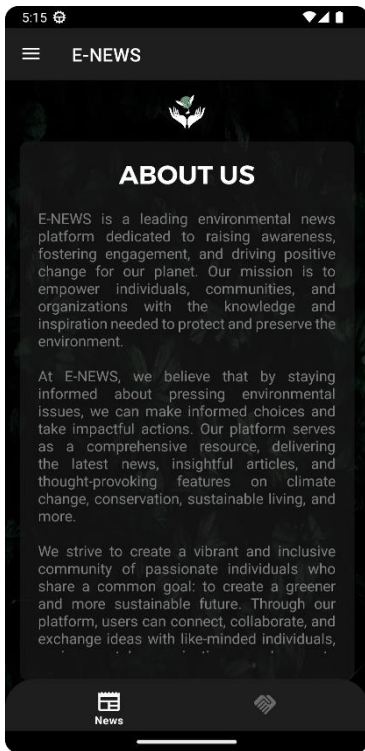
- You can also use the search bar on top of your news feed to look for specific articles or keywords.
- Note that some pictures may take a longer time to load, and that there are server issues due to network traffic.



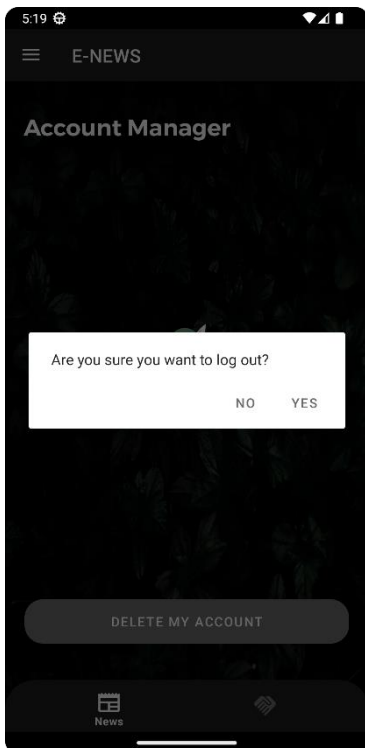
- Click the side menu symbol to access the 'Side Navigation' panel.
- Here, you can navigate between the 'Profile Settings' page, 'About Us', and 'Account Manager.'
- You can also log out of your account here.



- The 'Profile Settings' allows the user to change their information in real-time.
- Initially, it will display the user's saved username and email. However, it can be edited upon clicking the textbox.
- Click the 'Save Changes' button and enter your password to confirm your changes.
- You can also click the 'Change Password' button which will redirect you to a link to reset your password.



- The 'About Us' tab brings you to our app and company description.
- Meanwhile, opening 'Account Manager' will show you a page with a button. Clicking this 'Delete My Account' button will allow you to permanently delete your information from the app.



- Click 'Log out' if you want to sign out of your account. Select 'YES' to confirm that you want to log out.
- After that, you will be brought back to the 'Log in' page.

## TROUBLESHOOTING

If you have any problems with E-NEWS, this guide will help you fix common issues and enjoy a smooth experience. Follow these steps to troubleshoot the app:

1. **Check Your Internet Connection**

Make sure you have a good internet connection. E-NEWS needs the internet to get the latest news and updates. If you have issues, try using a different Wi-Fi or mobile data connection.

2. **Restart the App**

Try restarting E-NEWS Application to see if the issue goes away.

3. **Restart Your Device**

If the app still doesn't work well, try restarting your device. This can help clear temporary issues and make things better.

4. **Update the App**

Make sure you have the latest version of E-NEWS on your device. We developers often release updates with bug fixes and improvements. Check the play store for any available updates.

5. **Check for System Updates**

Make sure your device's operating system is up to date. Old software can cause issues. Check for system updates and install them if needed.

6. **Clear Cache and Data**

Clearing the app's cache and data can solve some problems. Go to your device settings, find "Apps" or "Applications," locate E-NEWS, and choose "Clear Cache" and "Clear Data."

7. **Contact Support**

Reach out to us through [e-news@gmail.com](mailto:e-news@gmail.com), and we'll be glad to assist you.

8. **Log Out and Log In**

If you have a user account in E-NEWS, try logging out and then logging back in. This can refresh your account data and resolve certain account-related problems.

9. **Uninstall and Reinstall the App**

If none of the previous steps worked, consider uninstalling and then reinstalling E-NEWS. This can help resolve persistent issues related to app installation or configuration.

10. **Check Storage Space**

Ensure that your device has enough storage space available. Running low on storage can cause issues with app performance. Delete unnecessary files or apps to free up space if needed.



## **SAFETY INFORMATION**

Welcome to E-NEWS, where your safety and privacy are our top concerns. This guide will show you how we protect your data and offer essential tips for responsible app use.

### **1. Data Security**

Your privacy and data security are important to us. We do not share your data with third parties without your consent.

### **2. User Responsibility**

Users are responsible for their actions and interactions within the app. Avoid sharing personal information or engaging in inappropriate behavior with other users. We encourage respectful and constructive engagement within the E-NEWS community.

### **3. Reporting Inappropriate Content**

If you come across any content that violates our community guidelines or appears inappropriate, please report it to our moderation team using the app's reporting feature.

### **4. Review Privacy Policy**

Familiarize yourself with E-NEWS' privacy policy. Understand how your data is collected, stored, and used, ensuring you're comfortable with the app's practices.

### **5. Secure Password Practices**

Create a strong and unique password for your E-NEWS account. Avoid using easily guessable passwords and refrain from sharing your password with others.

### **6. User Authentication**

To keep your account safe, we use strong security measures to make sure only you can access it.

### **7. Update Email Preferences**

Customize your email notification preferences to avoid receiving spam or unwanted communications from E-NEWS.

### **8. Be Wary of Suspicious Emails**

Beware of phishing attempts disguised as emails from E-NEWS. We will never ask for sensitive information via email or provide links to enter your login details.

### **9. Secure Data Storage**

Your personal information is stored on secure servers with strict access controls. We employ the latest security technologies and follow industry best practices to safeguard your data from unauthorized access.

### **10. Stay Up to Date**

Regularly check for updates to the E-NEWS app. Promptly install new versions that include bug fixes, security enhancements, and feature improvements.

## FREQUENTLY ASKED QUESTIONS (FAQs)

1. **What is E-NEWS?**

E-NEWS is a mobile application that provides users with up-to-date news and updates related to the environment, sustainability, and environmental challenges. It aims to keep users informed about critical environmental issues and inspire eco-friendly choices to foster a sustainable future.

2. **Do I need to create an account to use E-NEWS?**

Yes, to access all features and personalize your experience, you need to create an account. You can register with your email address and create a password to set up your account.

3. **Can I change my username and email on E-NEWS?**

Yes, you can update your username and email within the app. Go to the side navigation bar, click on "Profile Settings," and make the necessary changes. Remember to confirm your changes by entering your password.

4. **How do I navigate through the app?**

The app's Home Screen displays the latest Breaking News articles. You can also use the search function to find specific articles or news items. Use the bottom navigation bar to access the Donation Information page. Click the side bar to navigate the Profile Settings, Notification Preferences, About Us Section, and Account Manager. The log out button is also accessible in the side bar.

5. **Can I share articles with others?**

Yes, you can easily share news articles with friends and family. Click the "Share" button below the article's content and choose your preferred sharing method, such as copying the link or through various social media.

6. **Can I read articles from specific environmental topics only?**

Yes, you can filter articles based on specific environmental topics of interest. Use the search function and enter keywords related to the topic you wish to explore. The app will display articles relevant to your search.

7. **Is my data safe on E-NEWS?**

E-NEWS takes data privacy and security seriously. Your personal information is protected in accordance with our Privacy Policy. We do not share your data with third parties without your consent.

8. **How can I delete my E-NEWS account?**

If you decide to delete your account, go to Side bar > Account Manager. From there, you can select "Delete Account." Confirm the account deletion by entering your password, and your data will be permanently removed from the app.

9. **I forgot my password. How can I reset it?**

If you forgot your password, you could easily reset it. On the log in screen, click on the "Forgot Password?" text. You will receive an email with a link to reset your password. Follow the provided link to set a new password for your account.

10. **Can I customize the app's appearance or theme?**

Currently, E-NEWS does not offer extensive theme customization.

**11. Is E-NEWS available on all devices?**

E-NEWS is currently available for Android Devices only. However, an iOS version of the app is in development. Stay tuned for updates. Thank you for supporting E-NEWS!

**12. Can I contribute my own environmental news to E-NEWS?**

As of this moment, E-NEWS does not support user-generated content. However, we encourage you to share valuable news and updates from reputable sources through the app's sharing feature.

**13. How often is E-NEWS updated with new content?**

E-NEWS is updated regularly to bring you the latest environmental news and updates. The frequency of updates depends on the availability of new content from trusted sources.

**14. Are the articles on E-NEWS fact-checked and reliable?**

E-NEWS strives to provide accurate and reliable information. We source our articles from a trusted API with reputable news outlets and organizations to ensure the content's credibility.

**15. Can I access E-NEWS content offline?**

Currently, E-NEWS requires an internet connection to access the latest news and updates.

**16. Can I share my E-NEWS account across multiple devices?**

E-NEWS does not support sharing accounts across multiple devices at the moment. Each account is intended for individual use.

**17. Are there any age restrictions to use E-NEWS?**

E-NEWS is intended for users of all ages who are interested in environmental news and sustainability. However, if you are under 13 years old, please ensure you have parental consent to use the app.

**18. How can I contribute to E-NEWS' mission of environmental conservation?**

You can contribute to environmental conservation by staying informed through E-NEWS and making eco-friendly choices in your daily life. Additionally, you can support environmental organizations and participate in initiatives that promote sustainability.

**19. Are there any in-app purchases or subscription fees?**

E-NEWS is free to download and use. There are no in-app purchases or subscription fees required to access its core features and content.